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Sequence Listing was accepted.

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Reviewer: Anne Corrigan

Timestamp: [year=2008; month=8; day=12; hr=20; min=1; sec=31; ms=121;]

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Application No: 10588903

Version No: 1.0

Input Set:

Output Set:

Started: 2008-07-09 14:19:21.307

Finished: 2008-07-09 14:19:22.627

Elapsed: 0 hr(s) 0 min(s) 1 sec(s) 320 ms

Total Warnings: 15

Total Errors: 0

No. of SeqIDs Defined: 20

Actual SeqID Count: 20

Error code	Error Description
W 213	Artificial or Unknown found in <213> in SEQ ID (6)
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SEQUENCE LISTING

<110> KANO, RUI
HASEGAWA, ATSUHIKO
INOUE, CHIKA

<120> CANINE CD20 GENE

<130> 8062-1040

<140> 10588903

<141> 2008-07-09

<150> PCT/JP05/001880

<151> 2005-02-09

<150> JP 2004-033810

<151> 2004-02-10

<160> 20

<170> PatentIn Ver. 3.3

<210> 1

<211> 297

<212> PRT

<213> Canis familiaris

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1 5 10 15

Met Lys Ser Pro Thr Ala Met Tyr Pro Val Gln Lys Ile Ile Pro Lys
20 25 30

Arg Met Pro Ser Val Val Gly Pro Thr Gln Asn Phe Phe Met Arg Glu
35 40 45

Ser Lys Thr Leu Gly Ala Val Gln Ile Met Asn Gly Leu Phe His Ile
50 55 60

Ala Leu Gly Ser Leu Leu Met Ile His Thr Asp Val Cys Ala Pro Ile
65 70 75 80

Cys Ile Thr Met Trp Tyr Pro Leu Trp Gly Gly Ile Met Phe Ile Ile
85 90 95

Ser Gly Ser Leu Leu Ala Ala Ala Asp Lys Asn Pro Arg Lys Ser Leu
100 105 110

Val Lys Gly Lys Met Ile Met Asn Ser Leu Ser Leu Phe Ala Ala Ile
115 120 125

Ser Gly Ile Ile Phe Leu Ile Met Asp Ile Phe Asn Ile Thr Ile Ser
130 135 140

His Phe Phe Lys Met Glu Asn Leu Asn Leu Ile Lys Ala Pro Met Pro
145 150 155 160

Tyr Val Asp Ile His Asn Cys Asp Pro Ala Asn Pro Ser Glu Lys Asn
165 170 175

Ser Leu Ser Ile Gln Tyr Cys Gly Ser Ile Arg Ser Val Phe Leu Gly
180 185 190

Val Phe Ala Val Met Leu Ile Phe Ala Phe Phe Gln Lys Leu Val Thr
195 200 205

Ala Gly Ile Val Glu Asn Glu Trp Lys Lys Leu Cys Ser Lys Pro Lys
210 215 220

Ser Asp Val Val Val Leu Leu Ala Ala Glu Glu Lys Lys Glu Gln Pro
225 230 235 240

Ile Glu Thr Thr Glu Glu Met Val Glu Leu Thr Glu Ile Ile Ala Ser
245 250 255

Gln Pro Lys Lys Glu Glu Asp Ile Glu Ile Pro Val Gln Glu Glu Glu
260 265 270

Gly Glu Leu Glu Ile Asn Phe Ala Glu Pro Pro Gln Glu Gln Glu Ser
275 280 285

Ser Pro Ile Glu Asn Asp Ser Ile Pro
290 295

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<211> 44

<212> PRT

<213> Canis familiaris

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Thr Ile Ser His Phe Phe Lys Met Glu Asn Leu Asn Leu Ile Lys Ala
1 5 10 15

Pro Met Pro Tyr Val Asp Ile His Asn Cys Asp Pro Ala Asn Pro Ser
20 25 30

Glu Lys Asn Ser Leu Ser Ile Gln Tyr Cys Gly Ser
35 40

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<211> 1238

<212> DNA

<213> Canis familiaris

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atcctgttca aaaaataatt cccaaaagga tgccttcagt ggtgggccct acacaaaact 180
tcttcattgag ggaatctaag acactggggg ctgtccagat tatgaatggg ctcttcacac 240

ttgccttagg	cagcctcctg	atgattcaca	cggatgtctg	tgcgcccac	tgtataacta	300
tgtggtaccc	tctctgggga	ggcattatgt	tcatcatttc	tggatcactc	ctggcagcag	360
cggacaaaaa	ccccaggaag	agtttgggtca	aaggaaaaat	gataatgaac	tcattgagcc	420
tctttgctgc	catttctgga	ataatttttt	tgatcatgga	catatttaat	attaccattt	480
cccatttttt	taaaatggag	aatttgaatc	ttattaaagc	tcccatgcca	tatgttgaca	540
tacacaactg	tgaccagct	aacccctctg	agaaaaactc	tttatctata	caatattgtg	600
gcagcatacg	atctgttttc	ttgggcggtt	ttgctgtgat	gctgatcttt	gccttcttcc	660
agaaacttgt	gacagctggc	attgttgaga	atgaatggaa	aaaactgtgc	tctaaaccta	720
aatctgatgt	agttgttctg	ttagctgctg	aagaaaaaaa	agaacagccg	attgaaacaa	780
cagaagaaat	ggttgagctg	actgaaatag	cttcccaacc	aaagaaagaa	gaagacattg	840
aaattatttc	agtccaagaa	gaagaagggg	aactggaaat	aaactttgca	gaacctcccc	900
aggagcagga	atcttcacca	atagaaaacg	acagcatccc	ttaagtaacg	tttttctttc	960
tgtttccttt	tcttaggcgt	tagtggtcac	agctttcaag	agacatatcc	accctgtttt	1020
cctgaggccc	cctgcaggtg	ggcctctctc	atgtgtctct	ctggcctttg	catggagtga	1080
ccacagctcg	cttgcgctag	ctcgtctctc	ttctctcatg	cagaggatgc	agccattgca	1140
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<211> 1238

<212> RNA

<213> *Canis familiaris*

<400> 4

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auccuguuca	aaaaauaaau	cccaaaagga	ugccuucagu	ggugggcccu	acacaaaacu	180
ucuucaugag	ggaaucuaag	acacuggggg	cuguccagau	uaugaauagg	cucuuccaca	240
uugcccuagg	cagccuccug	augauucaca	cggaugucug	ugcgcccauc	uguauaacua	300
ugugguaccc	ucucugggga	ggcauuauugu	ucaucauuuc	uggaucacuc	cuggcagcag	360
cggacaaaaa	ccccaggaag	aguuuugguca	aaggaaaaau	gauaaugaac	ucauugagcc	420
ucuuugcugc	cauuucugga	auaaauuuuu	ugaucaugga	cauauuuauu	auuaccuuuu	480
cccauuuuuu	uaaaauaggag	aaauugaauu	uuauuaaagc	ucccaugcca	uauugugaca	540
uacacaacug	ugaccagcu	aacccucucg	agaaaaacuc	uuuaucuaua	caauauugug	600
gcagcauacg	aucuguuuuc	uugggcgguu	uugcugugau	gcugaucuuu	gccuucuucc	660
agaaacuugu	gacagcuggc	auuguugaga	augaauaggaa	aaaacugugc	ucuaaaccua	720
aaucugaugu	aguuguucug	uuagcugcug	aagaaaaaaa	agaacagccg	auugaaacaa	780
cagaagaaa	gguugagcug	acugaaaauag	cuucccaacc	aaagaaagaa	gaagacauug	840
aaauuauucc	aguccaagaa	gaagaagggg	aacuggaaau	aaacuuugca	gaaccucccc	900
aggagcagga	aucuucacca	auagaaaacg	acagcauccc	uuaaguaacg	uuuuucuuuc	960
uguuuccuuu	ucuuaggcg	uaguguucac	agcuuucacg	agacauaucc	acccuguuuu	1020
ccugaggccc	ccugcaggug	ggccuccucc	augugucucu	cuggccuuug	cauggaguga	1080
ccacagcucg	cuugcgcuag	cucgcucucu	uucucucaug	cagaggauug	agccauugca	1140
ggaggcuuag	ucgggcagcu	uauuuacauu	acagcaaggc	agacuguaau	uucucacuaa	1200
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<211> 132

<212> DNA

<213> *Canis familiaris*

<400> 5

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tattgtggca	gc					132

<210> 6
<211> 43
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic
oligonucleotide

<400> 6
agagagagag agaactagtc tcgagttttt tttttttttt ttt 43

<210> 7
<211> 23
<212> DNA
<213> Artificial Sequence

<220>
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<400> 7
ctcttttgctg ccatttctgg aat 23

<210> 8
<211> 23
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<213> Artificial Sequence

<220>
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<400> 8
tggaagaagg caaagatcag cat 23

<210> 9
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tgtaaaacga cggccagt 18

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<211> 17
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<223> Description of Artificial Sequence: Synthetic
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<400> 10
caggaaacag ctatgac 17

<210> 11
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<400> 11
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<210> 12
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<223> Description of Artificial Sequence: Synthetic
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<210> 13
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<223> Description of Combined DNA/RNA Molecule:
Synthetic oligonucleotide

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<400> 13
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<210> 14
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<212> DNA
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<223> Description of Artificial Sequence: Synthetic oligonucleotide

<400> 14

gtgatgctga tctttgcctt 20

<210> 15

<211> 20

<212> DNA

<213> Artificial Sequence

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<223> Description of Artificial Sequence: Synthetic oligonucleotide

<400> 15

ctggaagaag gcagagatca 20

<210> 16

<211> 23

<212> DNA

<213> Artificial Sequence

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<223> Description of Combined DNA/RNA Molecule: Synthetic oligonucleotide

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<400> 16

tggaagaagg caaagatcag cat 23

<210> 17

<211> 48

<212> DNA

<213> Artificial Sequence

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<223> Description of Combined DNA/RNA Molecule: Synthetic oligonucleotide

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 <220>
 <223> Description of Artificial Sequence: Synthetic
 oligonucleotide

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